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7/8/03  
Docket No.: 41615-A**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : POLONENKO, Daniel; et al.  
Serial No. : 09/330,593  
Filed : June 11, 1999  
Title : PROCESS FOR EX VITRO SOWING AND  
GERMINATION OF PLANT SOMATIC EMBRYOS  
Group Art Unit : 1661  
Examiner : GRUNBERG, A.

Kirby, Eades, Gale, Baker  
Box 3432, Stn.D, Ottawa,  
Ontario, Canada, K1P 6N9

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

This is in response to the final official action dated July 16, 2002. Please amend this application as follows:

**IN THE CLAIMS**

Cancel claims 8, 9, 15, 16, 18, 39, 40, 54, 55 and 57 without prejudice.

Use the claims provided below to replace former claims of the same numbering.

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5/22/03  
-- 5.(Amended) The process of claim 53 wherein at least one environmental factor of said controlled environment selected from the group consisting of a moisture level within said three-phase substrate, temperature, nutrients, ambient light intensity and diurnal photoperiod is manipulated during embryo germination to facilitate germination of the somatic embryo.



Kirby Eades Gale Baker  
Box 3432 Stn. D  
Ottawa, Ontario  
Canada K1P 6N9

Fax (613) 237-0045  
Tel (613) 237-6900  
E-mail: email@kirbyeades.com

# Fax

To: Ms. Anne Marie Grunberg From: Edwin Gale

Firm:	United States Patent & Trademark Office	Re:	U.S. 09/330,593
Fax:	1-703-746-4985	Art Unit	1661
Date:	May 22, 2003	Our File:	41615-A
Pages:	15	Transmitter:	Sandra Touchette Phone # (613) 237-6900 ext. 163

Dear Ms. Grunberg:

Please find a copy of the response I faxed to the U.S.P.T.O. on April 10, 2003. Also attached is a print-out confirming that the facsimile was sent successfully.

Yours very truly,

  
Edwin Gale  
EG/st

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(R)

May.21. 2003 6:27AM KEGB VANCOUVER

No.2552 P. 2/2

\* \* \* Journal ( May.21. 2003 6:09AM ) \* \* \*

1) KEGB VANCOUVER  
2)

(Manual)

< TX >	Date	Time	Destination	Mode	TXtime	Page	Result	User Code
Feb.13.	5:31PM	GOLD PRINTING	G3TESM	0'39"	P.	4	OK	
	5:33PM	GOLD PRINTING-SERV.	G3TESM	0'15"	P.	1	OK	
	5:40PM	GOLD PRINTING	G3TESM	0'16"	P.	1	OK	
	5:42PM	1 800 991 1629	G3TESM	0'11"	P.	1	OK	
Feb.14.	12:32PM	GOLD PRINTING-SERV.	G3TESM	0'15"	P.	1	OK	
	4:50PM	GOLD PRINTING	G3TESM	0'30"	P.	3	OK	
Feb.17.	9:19AM	GOLD PRINTING	G3TESM	0'17"	P.	1	OK	
	2:10PM	905 633 3037	G3TESM	0'19"	P.	1	OK	
	2:11PM	Leasedirect	G3TESM	0'23"	P.	1	OK	
	2:12PM	1 800 991 1629	G3TESM	0'12"	P.	1	OK	
	2:13PM	204-475-5858	G3TESM	0'23"	P.	1	OK	
	3:23PM	GOLD PRINTING	G3TESM	0'15"	P.	1	OK	
Apr. 3.	12:37PM	GOLD PRINTING SYS	G3TESM	0'20"	P.	1	OK	
	1:02PM	GOLD PRINTING SYS	G3TESM	0'11"	P.	1	OK	
	1:37PM	GOLD PRINTING SYS	G3TESM	0'11"	P.	1	OK	
Apr.10.	7:07AM	7033053014	G3TESM	1'46"	P.	13	OK	
Apr.30.	11:04AM	Goy. t. P. r. e. s. e. n. t.	G3TESM	0'47"	P.	2	OK	
May.13.	10:16AM	+16132370045	G3TESM	0'23"	P.	2	OK	
	10:54AM	613 237 0045	G3TESM	2'13"	P.	1	OK	
	4:52PM	604.689.5388	G3TESM	1'33"	P.	3	OK	
May.14.	10:44AM	604.689.5388	G3TESM	1'32"	P.	3	OK	

< RX >	Date	Time	Sender	Mode	RXtime	Page	Result	User Code
Feb.17.	10:26AM	GOLD PRINTING-SERV.	G3RES	0'17"	P.	1	OK	
	12:54PM	GOLD PRINTING	G3RES	0'14"	P.	1	OK	
	2:48PM	905 633 3037	G3RES	0'18"	P.	1	OK	
Apr. 3.	1:45PM	GOLD PRINTING SYS	G3RES	0'13"	P.	1	OK	
	1:48PM	GOLD PRINTING SYS	G3RES	0'13"	P.	1	OK	
	1:51PM	GOLD PRINTING SYS	G3RES	0'38"	P.	1	OK	
Apr. 9.	1:54PM	GOLD PRINTING SYS	G3RES	0'26"	P.	2	OK	
Apr.22.	2:12PM	780 453 9955	G3RES	0'58"	P.	2	OK	
May. 9.	12:39PM	FORINTEK CANADA CORP	G3RES	1'29"	P.	4	OK	
May.12.	7:57AM	+16132370045	G3RES	2'41"	P.	14	OK	
May.13.	11:35AM	+16132370045	G3RES	3'20"	P.	23	OK	
	3:52PM	604 688 2340	G3RES	0'59"	P.	1	OK	
May.14.	10:24AM	604 688 2340	G3RES	0'54"	P.	1	OK	
May.15.	10:38AM	+16132370045	G3RES	0'54"	P.	5	OK	

TX Count 000753

# : Batch  
M : Memory  
S : Standard  
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RX Count

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